

Appendix C

Cultural Resources Report



April 19, 2012

Mr. Robert Booher
Robert A. Booher Consulting
3221 Quail Hollow Drive
Fairfield, California 94533

Subject: Cultural Resources Assessment of the Bouldin Tyler Pipeline Project, Unincorporated San Joaquin and Sacramento Counties, California (BCR Consulting Project Number SYN1207)

Dear Mr. Booher:

Brunzell Cultural Resource Consulting (BCR Consulting) was retained by Robert A. Booher Consulting (RAB Consulting) to conduct a cultural resources records search, Native American consultation, and pedestrian survey of the Bouldin Tyler Pipeline Project, Unincorporated San Joaquin and Sacramento Counties, California. This letter report presents those results. The purpose of this study was to identify prehistoric or historic resources within the proposed project site that may be impacted by project activities, pursuant to the California Environmental Quality Act (CEQA).

A pedestrian survey and archaeological records search for the proposed project site was completed and failed to reveal the presence of prehistoric or historic resources. Based on these results the proposed project is not anticipated to affect any archaeological or historical resources. Therefore, no significant impact related to archaeological or historical resources is anticipated and no further investigations are recommended for the proposed project unless:

- The proposed project is changed to include areas that have not been subject to this cultural resource assessment;
- The proposed project is changed to include additional construction;
- Project activities reveal the presence of cultural materials.

Project Description and Location

Three Rivers Acquisition Co., LLC (Three Rivers) proposes to install a welded steel 4.5 inch natural gas pipeline from an existing natural gas well site located on the south side of State Highway 12 on Bouldin Island and an existing natural gas production facility located north of the Mokelumne River on Tyler Island. The proposed natural gas pipeline would be approximately 5,737 feet, or 1.09 miles, in length.

The proposed project includes installation of a valve station on the south side of the Mokelumne River and installation of the pipeline under State Highway 12 and the Mokelumne River. A horizontal directional bore would be utilized to install the pipeline under

State Highway 12 and the Mokelumne River. AA Production Services, Inc. (AA) has applied for a California Department of Transportation (Caltrans) Encroachment Permit for the horizontal directional bore that would be installed under State Highway 12. The bore entry for State Highway 12 will be at an existing natural gas well site located south of State Highway 12 and the bore exit point would be located on the north side of State Highway 12 immediately west of an existing gravel access road. The length of the State Highway 12 bore will be approximately 400 feet. The bore exit point for the Mokelumne River would be located near the valve station on the south side of the Mokelumne River and the entry point would be located on the north side of the Mokelumne River in an agricultural field north of the existing natural gas production facility on Tyler Island. The length of the Mokelumne River bore will be 2,092 feet. The entry site for the Mokelumne River bore would be located at least 380 feet north of the levee of the Mokelumne River. The exit site for the Mokelumne River bore would be located at least 400 feet south from the levee of the Mokelumne River.

The proposed gas pipeline is located in Section 5, 6, 7 and 8 of Township 3 North, Range 4 East, Mount Diablo Baseline and Meridian (MDBM) in San Joaquin and Sacramento Counties, California. The gas pipeline is depicted on the U.S. Geological Survey (USGS) *Isleton, California* (1993), and *Bouldin Island, California* (1997) 7.5-minute quadrangle (see Attachment A).

Archaeological Records Search

The archaeological records search was performed by the Central California Information Center located in Turlock, California and by the North Central Information Center in Sacramento, California. The records search included a review of all recorded historic and prehistoric archaeological sites, as well as recorded built environment resources within one mile of the proposed project site. The research also reviewed known cultural resources reports completed in the vicinity. In addition, the information centers reviewed the California State Historic Property Data File, which includes the National Register of Historic Places, California Historical Landmarks, California Points of Historical Interest, and various local historic registers. The following are the results of the records search:

Central California Information Center Results

USGS 7.5 Minute Quadrangle	Cultural Resources Within 1 Mile of Proposed Project Site	Reports Within 1 Mile of Proposed Project Site
<i>Isleton, California</i> (1993)	P-39-4427, 4428, 4541	SJ-750*, 816*, 1640*, 1731*, 2674*, 3644, 5356, 6068, 6069
<i>Bouldin Island, California</i> (1997)	P-39-33, 34, 35	SJ-750*, 816*, 1640*, 1731*, 2674*, 3804*, 4275*, 5356, 5498, 5501, 5503, 5985, 6068, 6069

*Included a portion of the proposed project location.

North Central Information Center Results

USGS 7.5 Minute Quadrangle	Cultural Resources Within 1 Mile of Proposed Project Site	Reports Within 1 Mile of Proposed Project Site

USGS 7.5 Minute Quadrangle	Cultural Resources Within 1 Mile of Proposed Project Site	Reports Within 1 Mile of Proposed Project Site
<i>Isleton, California (1993)</i>	P-34-72, 101, 189	SA-1783, 1806, 7157, 7962, 9182, 9326
<i>Bouldin Island, California (1997)</i>	None	None

The records search revealed that portions of the proposed project site had been subject to seven (7) previous cultural resource studies, resulting in the recording of no resources within its boundaries. A total of 15 cultural resources studies took place within a mile of the proposed project site resulting in recording nine cultural resources within that radius.

Native American Consultation

BCR Consulting requested a search of the Sacred Lands File maintained by the Native American Heritage Commission (NAHC) on March 16, 2012. The request included a brief project description and location map sent by fax and certified mail to Debbie Pilas-Treadway of the NAHC. Ms. Pilas-Treadway has performed the Sacred Lands File search, which has failed to indicate any record of Native American cultural resources within one-half mile of the proposed project. Ms. Pilas-Treadway has also provided names of potentially interested tribes and individuals to BCR Consulting. BCR Consulting has communicated with those tribes and individuals via certified letters and emails. A record of all communications is provided in Attachment B to this letter report.

Pedestrian Field Survey Methods

BCR Consulting Principal Archaeologist David Brunzell conducted an intensive pedestrian inventory of the proposed project site on March 6, 2012. All soil exposures were carefully inspected for cultural remains. Site soils included silt and gravels that have been highly disturbed by agricultural activities. Current vegetation consists of grasses that afford approximately 50 percent surface-visibility. No cultural resources were located within the proposed project site boundaries.

Results and Recommendations

The records search and field survey did not identify any cultural resources within the proposed project site. Based on these results the proposed project is not anticipated to affect any archaeological or historical resources. Therefore, no significant impact related to archaeological or historical resources is anticipated and no further investigations are recommended for the proposed project unless:

- The proposed project is changed to include areas not been subject to this study;
- The proposed project is changed to include additional construction;
- Project activities reveal the presence of cultural materials.

The current study attempted to determine whether archaeological deposits were present on the proposed project site. Although none were yielded during the records search and field survey, ground-disturbing activities have the potential to reveal buried deposits not observed on the surface. Prior to the initiation of ground-disturbing activities, field personnel should be alerted to the possibility of buried prehistoric or historic cultural deposits. In the event that field personnel encounter buried cultural materials, work in the immediate vicinity of the find

should cease and a qualified archaeologist should be retained to assess the significance of the find. The qualified archaeologist shall have the authority to stop or divert construction excavation as necessary. If the qualified archaeologist finds that any cultural resources present meet eligibility requirements for listing on the California Register of Historical Resources or the National Register of Historic Places, plans for the treatment, evaluation, and mitigation of impacts to the find will need to be developed.

If human remains are encountered, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the Coroner will notify the NAHC, which will determine and notify a Most Likely Descendant. With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 48 hours of notification by the NAHC.

Please contact me by phone at 909/525-7078 or e-mail at david.brunzell@yahoo.com with any questions or comments.

Sincerely,

A handwritten signature in dark ink, appearing to read 'David Brunzell', is written over a light gray circular stamp.

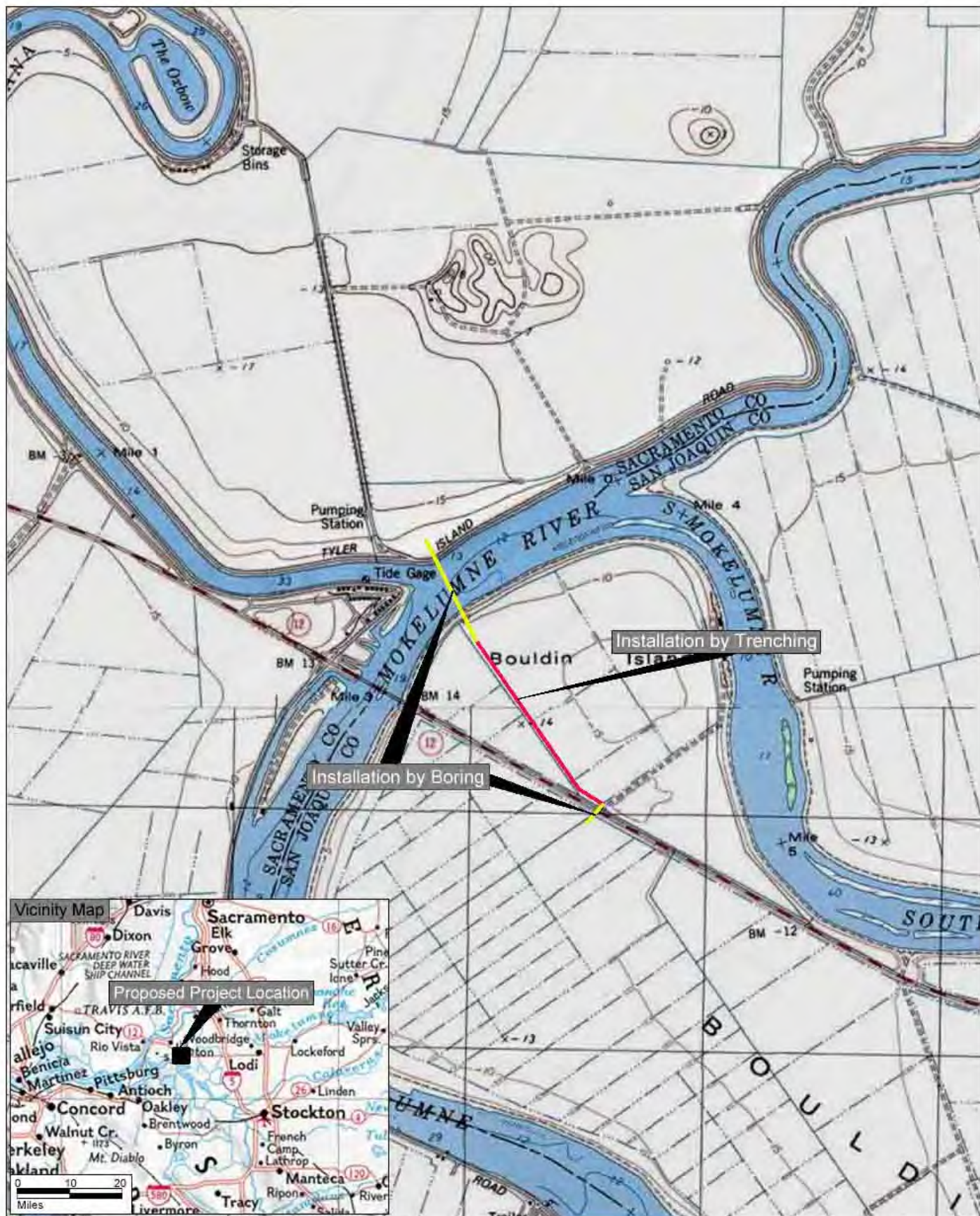
David Brunzell, M.A./RPA
Principal Investigator/Archaeologist

Attachment A: Regional and Project Location Maps

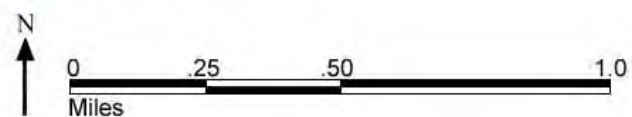
Attachment B: Native American Heritage Commission Consultation Correspondence

Attachment C: Photographic Documentation

ATTACHMENT A:
REGIONAL AND PROJECT LOCATION MAP



BCRCONSULTING



Three Rivers Acquisition Co., LLC
Bouldin Tyler Pipeline Project
Proposed Project Location

ATTACHMENT B:
NATIVE AMERICAN HERITAGE COMMISSION CONSULTATION
CORRESPONDENCE



March 16, 2012

Ms. Debbie Pilas-Treadway
Native American Heritage Commission
915 Capitol Mall, Room 364
Sacramento, California 95814

FAX: 916-653-4082

Subject: Request for Sacred Lands File Search and List of Potentially Interested Tribes and Individuals for the Summit Energy Three Rivers Gas Pipeline Project*

Dear Ms. Pilas-Treadway:

I'd like to request a Sacred Lands File search and list of potentially interested tribes/individuals for an oil and gas exploration project in San Joaquin and Sacramento Counties, California. The proposed project site is located in a non-sectioned portion of Township 3 North, Range 4 East, Mt. Diablo Baseline and Meridian. It is depicted on the USGS *Isleton Island, California* (1993), *Bouldin Island, California* (1997) 7.5 Minute Topographic Quadrangle (see attached project location map).

Please send the results of the sacred lands file search and list of potentially interested tribes/individuals to either my email, office address, or fax number (see below). Please contact me by phone at 909-525-7078 or e-mail at david.brunzell@yahoo.com with any questions.

Sincerely,

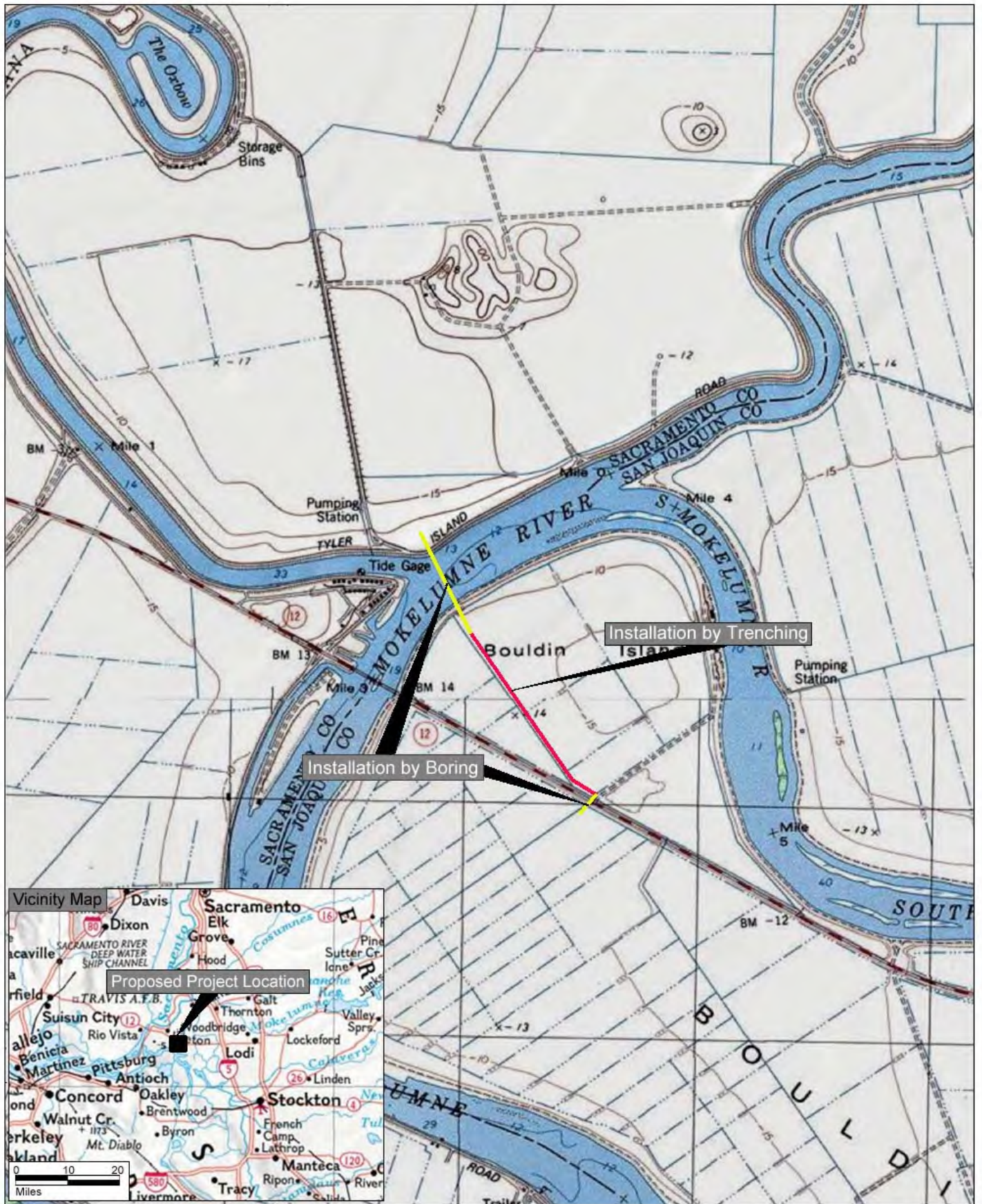
David Brunzell, M.A./RPA
Principal Investigator/Archaeologist

BCR Consulting
440 West 7th Street
Claremont, CA 91711

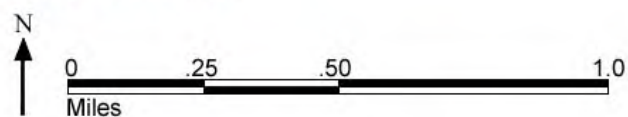
FAX: 909-621-7678

Attachment A: USGS Map

*The project title has changed to Bouldin Tyler Pipeline Project. Since project description and location did not change, updated maps were not sent to Native American groups.



BCRCONSULTING



Summit Energy
Gas Pipeline Project
Proposed Project Location

Reference: TOPO! 2010 National Geographic; USGS 7.5 Quads: Bouldin Island (1997) and Isleton (1993), California

STATE OF CALIFORNIA

Edmund G. Brown, Jr. Governor

NATIVE AMERICAN HERITAGE COMMISSION

915 CAPITOL MALL, ROOM 964
SACRAMENTO, CA 95814
(916) 653-6251
Fax (916) 657-5390



April 5, 2012

David Brunzell
BCR Consulting
440 West 7th Street
Claremont, CA 91711

Sent by Fax: 909-621-7678
Number of Pages: 2

Re: Summit Energy Three Rivers Gas Pipeline Project, San Joaquin and Sacramento Counties.

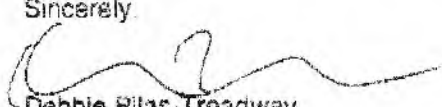
Dear Mr. Brunzell:

A record search of the sacred land file has failed to indicate the presence of Native American cultural resources in the immediate project area. The absence of specific site information in the sacred lands file does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Enclosed is a list of Native Americans individuals/organizations who may have knowledge of cultural resources in the project area. The Commission makes no recommendation or preference of a single individual, or group over another. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated, if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe or group. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any of these individuals or groups, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at (916) 653-4038.

Sincerely,


Debbie Pitas-Treadway
Environmental Specialist III

**Native American Contacts
Contra Costa County
April 4, 2012**

Katherine Erolinda Perez
PO Box 717
Linden, CA 95236
canutes@verizon.net
(209) 887-3415

Ohlone/Costanoan
Northern Valley Yokuts
Bay Miwok

The Ohlone Indian Tribe
Andrew Galvan
PO Box 3152
Fremont, CA 94539
chochenyo@AOL.com
(510) 882-0527 - Cell
(510) 687-9393 - Fax

Ohlone/Costanoan
Bay Miwok
Plains Miwok
Patwin

Trina Marine Ruano Family
Ramona Garibay, Representative
30940 Watkins Street
Union City, CA 94587
soaprootmo@msn.com
510-972-0645-home
209-688-4753-cell

Ohlone/Costanoan
Bay Miwok
Plains Miwok
Patwin

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.96 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed Inaga Production California LLC Jordan 11 Oil and Gas Exploration Project, Contra Costa County.

Native American Consultation Summary for the Summit Energy Gas Pipeline Project, San Joaquin and Sacramento Counties, California. Native American Heritage Commission replied to BCR Consulting Request on April 4, 2012. Results of Sacred Land File Search did not indicate presence of Native American cultural resources, and recommended that the below groups/individuals be contacted.

Groups Contacted	Letter/Email Date	Response from Tribes
Katherine Erolinda Perez	Letter: 4/17/12 Email: 4/17/12	None
Andrew Galvan The Ohlone Indian Tribe	Letter: 4/17/12 Email: 4/17/12	None
Ramona Garibay, Representative Trina Marine Ruano Family	Letter: 4/17/12 Email: 4/17/12	None



April 17, 2012

Katherine Erolinda Perez
P.O. Box 717
Linden, California 95236

**Subject: Tribal Consultation for the Summit Energy Gas Pipeline Project,
Unincorporated Sacramento and San Joaquin Counties, California**

Dear Katherine:

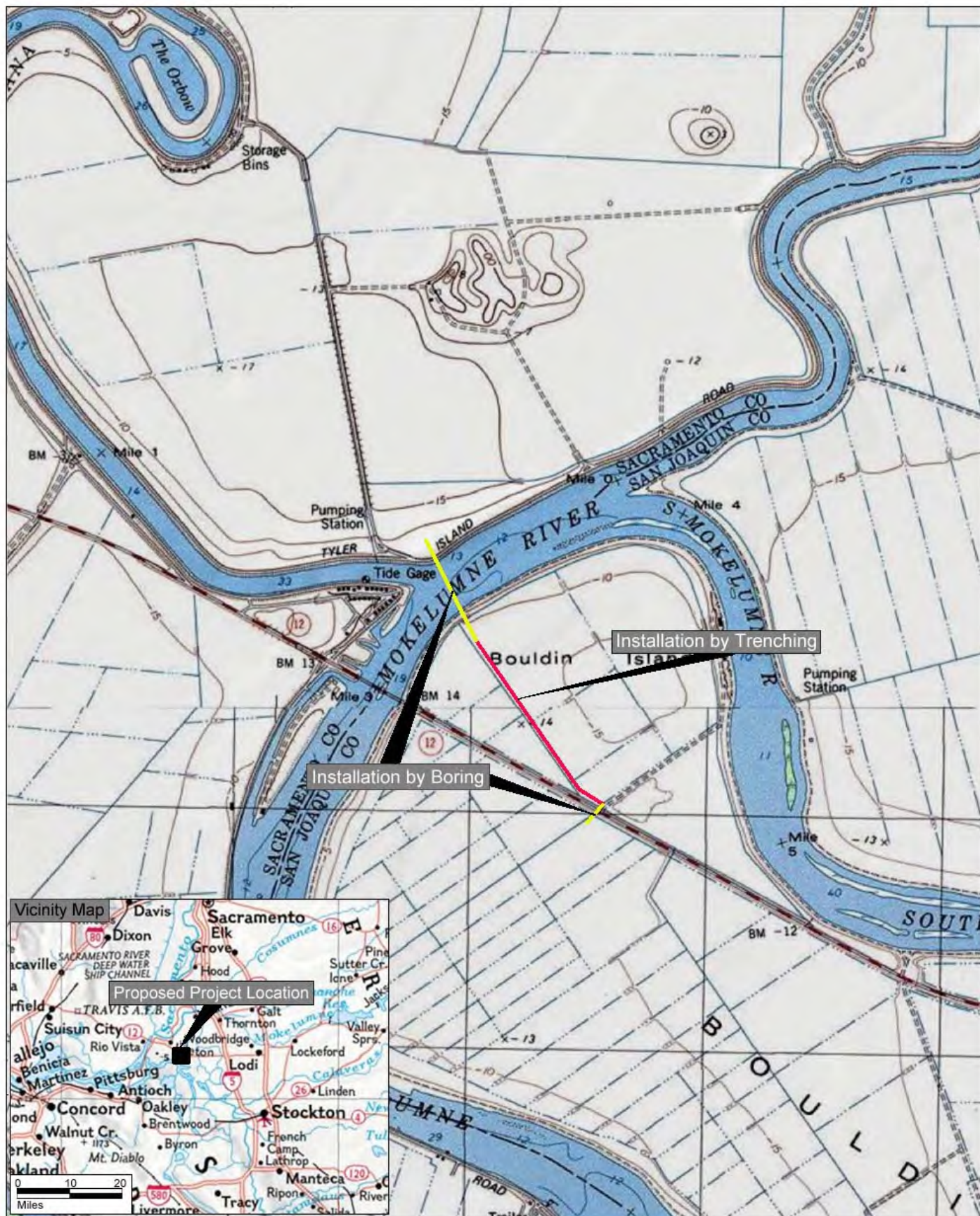
This is an invitation to consult on a proposed development project at locations with which you have tribal cultural affiliation. The purpose of the consultation is to ensure the protection of Native American cultural resources on which the proposed undertaking may have an impact. In the tribal consultation process, early consultation is encouraged in order to provide for full and reasonable public input from Native American Groups and Individuals, as consulting parties, on potential effect of the development project and to avoid costly delays. Further, we understand that much of the content of the consultation will be confidential and will include, but not be limited to, the relationship of proposed project details to Native American Cultural Historic Properties, such as burial sites, known or unknown, architectural features and artifacts, ceremonial sites, sacred shrines, cultural landscapes including traditional beliefs and practices. The proposed exploration project will include development of an oil and gas well site located within a non-sectioned portion of Township 3 North, Range 4 East, Mt. Diablo Baseline and Meridian, and is depicted on the *Isleton* (1993) and *Bouldin Island* (1997) USGS 7.5 Minute Topographic Quadrangles (see attached).

If you know of any cultural resources in the vicinity that may be of religious and/or cultural significance to your community or if you would like more information, please contact me at 909-525-7078 or david.brunzell@yahoo.com. Correspondence can also be sent to BCR Consulting, Attn: David Brunzell, 440 West 7th Street, Claremont, California 91711. I request a response by April 25, 2012. If you require more time, please let me know. I will also contact you by telephone to discuss any comments or concerns you may have. Thank you for your involvement in this process.

Sincerely,

BCR Consulting

David Brunzell, M.A./RPA
Principal Investigator/Archaeologist
Attachment: USGS Map



BCRCONSULTING



Summit Energy
Gas Pipeline Project
Proposed Project Location



April 17, 2012

Andrew Galvan
The Ohlone Indian Tribe
P.O. Box 3152
Fremont, California 94539

**Subject: Tribal Consultation for the Summit Energy Gas Pipeline Project,
Unincorporated Sacramento and San Joaquin Counties, California**

Dear Andrew:

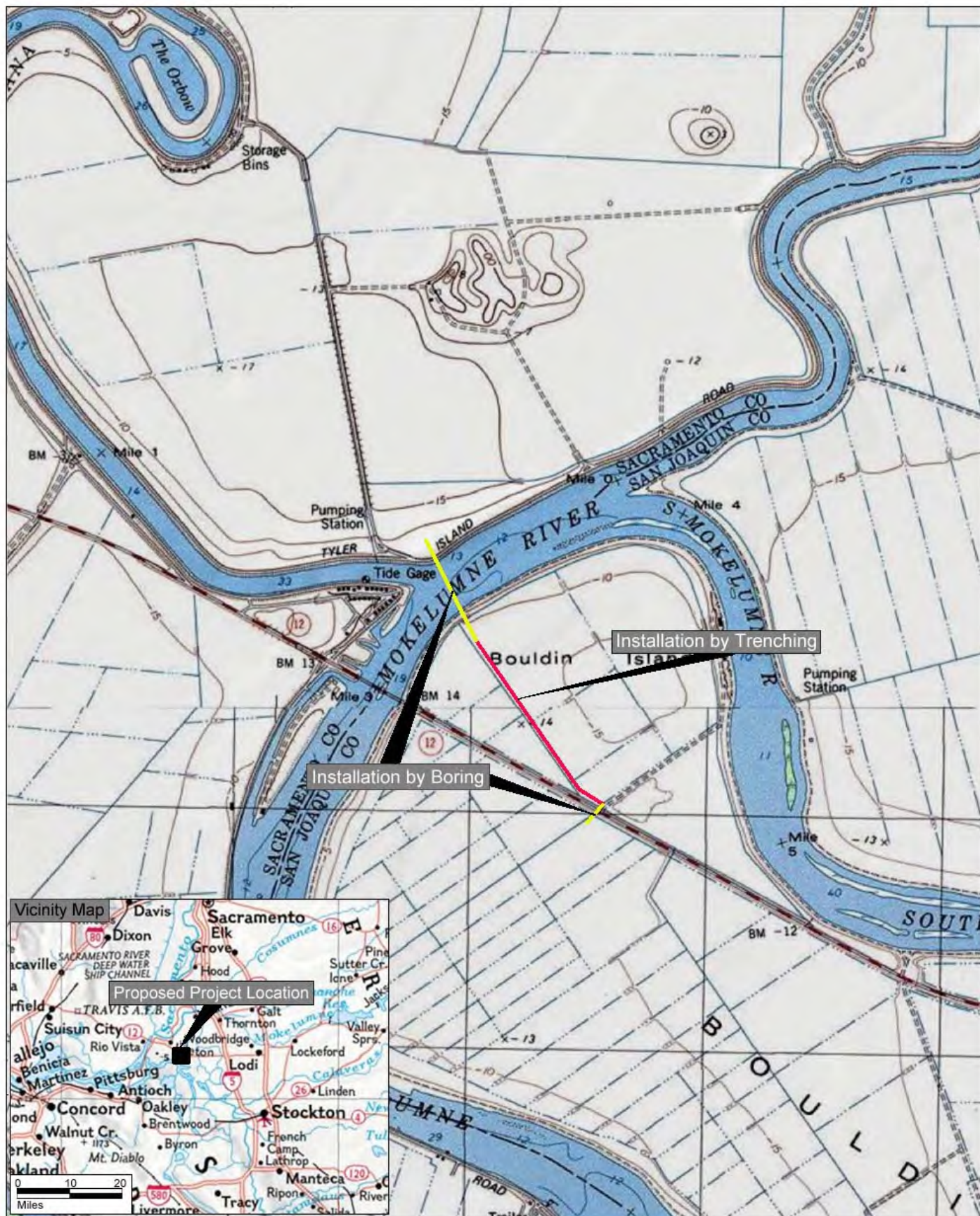
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If you know of any cultural resources in the vicinity that may be of religious and/or cultural significance to your community or if you would like more information, please contact me at 909-525-7078 or david.brunzell@yahoo.com. Correspondence can also be sent to BCR Consulting, Attn: David Brunzell, 440 West 7th Street, Claremont, California 91711. I request a response by April 25, 2012. If you require more time, please let me know. I will also contact you by telephone to discuss any comments or concerns you may have. Thank you for your involvement in this process.

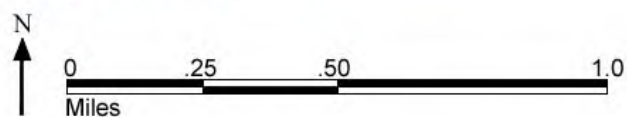
Sincerely,

BCR Consulting

David Brunzell, M.A./RPA
Principal Investigator/Archaeologist
Attachment: USGS Map



BCRCONSULTING



Summit Energy
Gas Pipeline Project
Proposed Project Location



April 17, 2012

Ramona Garibay, Representative
Trina Marine Ruano Family
30940 Watkins Street
Union City, California 94587

**Subject: Tribal Consultation for the Summit Energy Gas Pipeline Project,
Unincorporated Sacramento and San Joaquin Counties, California**

Dear Trina:

This is an invitation to consult on a proposed development project at locations with which you have tribal cultural affiliation. The purpose of the consultation is to ensure the protection of Native American cultural resources on which the proposed undertaking may have an impact. In the tribal consultation process, early consultation is encouraged in order to provide for full and reasonable public input from Native American Groups and Individuals, as consulting parties, on potential effect of the development project and to avoid costly delays. Further, we understand that much of the content of the consultation will be confidential and will include, but not be limited to, the relationship of proposed project details to Native American Cultural Historic Properties, such as burial sites, known or unknown, architectural features and artifacts, ceremonial sites, sacred shrines, cultural landscapes including traditional beliefs and practices. The proposed exploration project will include development of an oil and gas well site located within a non-sectioned portion of Township 3 North, Range 4 East, Mt. Diablo Baseline and Meridian, and is depicted on the *Isleton* (1993) and *Bouldin Island* (1997) USGS 7.5 Minute Topographic Quadrangles (see attached).

If you know of any cultural resources in the vicinity that may be of religious and/or cultural significance to your community or if you would like more information, please contact me at 909-525-7078 or david.brunzell@yahoo.com. Correspondence can also be sent to BCR Consulting, Attn: David Brunzell, 440 West 7th Street, Claremont, California 91711. I request a response by April 25, 2012. If you require more time, please let me know. I will also contact you by telephone to discuss any comments or concerns you may have. Thank you for your involvement in this process.

Sincerely,

BCR Consulting

David Brunzell, M.A./RPA
Principal Investigator/Archaeologist
Attachment: USGS Map



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A horizontal scale bar labeled "Miles" with tick marks at 0, .25, .50, and 1.0.

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Sent To **Katherine Evelyn Perez**
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or PO Box No. **P.O. Box 717**
City, State, ZIP+4 **Linden, CT 06259**

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City, State, ZIP+4 **Fremont, CA 94534**

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or PO Box No. **30740 Watkins Street**
City, State, ZIP+4 **Union City, CA 94587**

PS Form 3800, August 2006

See Reverse for Instructions

ATTACHMENT C:
PHOTOGRAPHIC DOCUMENTATION



Photo 1: Gas Well Site/Bore Entry Point South of Highway 12 (E)



Photo 2: Pipeline Overview from Midsection (W)